

**CLAIM AMENDMENTS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-28. (Cancelled)

29. (Currently Amended) A system for controlling insects, which system includes a substrate in the form of an elongate tape having thereon a plurality of target zones spaced apart at predetermined intervals along a first surface of the substrate, each target zone including an insect attractant and an insect control agent, wherein each target zone includes a laminate structure, the laminate structure comprising:

- (a) an impermeable layer, and
  - (b) an insect attractant layer comprising
    - (i) the insect attractant,
    - (ii) a semi-permeable layer, and
    - (iii) the insect control agent,
- wherein the semi-permeable layer is present between the insect attractant and the insect control agent.

30. (Previously Presented) A system according to claim 29, wherein the substrate is wound into a reel.

31. (Previously Presented) A system according to claim 29, wherein a surface of the substrate is coated with an adhesive material.

32. (Cancelled)

33. (Cancelled)

34. (Currently Amended) A system according to claim 32 29, wherein the impermeable layer is adjacent the substrate.

35. (Currently Amended) A system according to claim 32 29, wherein the substrate may be the impermeable layer of the laminate.
36. (Currently Amended) A system according to claim 33 29, wherein the impermeable layer and/or the semi-permeable layer are applied using a hot melt adhesive slot.coater machine.
37. (Currently Amended) A system according to claim 33 29, wherein the impermeable layer includes a polyester.
38. (Previously Presented) A system according to claim 29, wherein the insect attractant includes a chemical attractant, a food based attractant, a synthetic attractant, a visual attractant or a host based attractant.
39. (Previously Presented) A system according to claim 38, wherein the chemical attractant is selected from the following list: Z-5-decenyl acetate, dodecanyl acetate, Z-7-dodecenyl acetate, E-7-dodecenyl acetate, Z-8-dodecenyl acetate, E-8-dodecenyl acetate, Z-9-dodecenyl acetate, E-9-dodecenylacetate, E-10-dodecenyl acetate, 11-dodecenyl acetate, Z-9,11-dodecadienyl acetate, E-9,11-dodecadienyl acetate, Z-11-tridecenyl acetate, E-1-tridecenyl acetate, tetradecenyl acetate, E-7-tetradecenyl acetate, Z-8-tetradecenyl acetate, E-8-tetradecenyl acetate, Z-9-tetradecenyl acetate, E-9-tetradecenyl acetate, Z-10-tetradecenyl acetate, E-10-tetradecenyl acetate, Z-11-tetradecenyl acetate, E-11-tetradecenyl acetate, Z-12-pentadecenyl acetate, E-12-pentadecenyl acetate, hexadecanyl acetate, Z-7-hexadecenyl acetate, Z-11-hexadecenyl acetate, E-11-hexadecenyl acetate, octadecanyl acetate, E,Z-7,9-dodecadienyl acetate, Z,E-7,9-dodecadienyl acetate, E,E-7,9-dodecadienyl acetate, Z,Z-7,9-dodecadienyl acetate, E,E-8,10-dodecadienyl acetate, E,Z-9,12-dodecadienyl acetate, E,Z-4,7-tridecadienyl acetate, 4-methoxy-cinnamaldehyde,  $\beta$ -ionone, estragole, eugenol, indole, 8-methyl-2-decyl propanoate, E,E-9,11-tetradecadienyl acetate, Z,Z-9,12-tetradecadienyl acetate, Z,Z-7,11-hexadecadienyl acetate, E,Z-7,11-hexadecadienyl acetate, Z,E-7,11-hexadecadienyl acetate, E,E-7,11-hexadecadienyl acetate, Z,E-3,13-octadecadienyl acetate, E,Z-3,13-octadecadienyl acetate, E,E-3,13-octadecadienyl acetate, ethanol, hexanol, heptanol, octanol, decanol, Z-6-nonenol, E-6-nonenol, dodecanol, 11-

dodecenol, Z-7-dodecenol, E-7-dodecenol, Z-8-dodecenol, E-8-dodecenol, E-9-dodecenol, Z-9-dodecenol, E-9,11-dodecadienol, Z-9,11-dodecadienol, Z,E-5,7-dodecadienol, E,E-5,7-dodecadienol, E,E-8,10-dodecadienol, E,Z-8,10-dodecadienol, Z,Z-8,10-dodecadienol, Z,E-8,10-dodecadienol, E,Z-7,9-dodecadienol, Z,Z-7,9-dodecadienol, E-5-tetradecenol, Z-8-tetradecenol, Z-9-tetradecenol, E-9-tetradecenol, Z-10-tetradecenol, Z-11-tetradecenol, E-11-tetradecenol, Z-11-hexadecenol, Z,E-9,11-tetradecadienol, Z,E-9,12-tetradecadienol, Z,Z-9,12-tetradecadienol, Z,Z-10,12-tetradecadienol, Z,Z-7,11-hexadecadienol, Z,E-7,11-hexadecadienol, (E)-14-methyl-8-hexadecen-1-ol, (Z)-14-methyl-8-hexadecen-1-ol, E,E-10,12-hexadecadienol, E,Z-10,12-hexadecadienol, dodecanal, Z-9-dodecenal, tetradecanal, Z-7-tetradecenal, Z-9-tetradecenal, Z-11-tetradecenal, E-11-tetradecenal, E-11,13-tetradecadienal, E,E-8,10-tetradecadienal, Z,E-9,11-tetradecadienal, Z,E-9,12-tetradecadienal, hexadecanal, Z-8-hexadecenal, Z-9-hexadecenal, Z-10-hexadecenal, E-10-hexadecenal, Z-11-hexadecenal, E-11-hexadecenal, Z-12-hexadecenal, Z-13-hexadecenal, (Z)-14-methyl-8-hexadecenal, (E)-14-methyl-8-hexadecenal, Z,Z-7,11-hexadecadienal, Z,E-7,11-hexadecadienal, Z,E-9,11-hexadecadienal, E,E-10,12-hexadecadienal, E,Z-10,12-hexadecadienal, Z,E-10,12-hexadecadienal, Z,Z-10,12-hexadecadienal, Z,Z-11,13-hexadecadienal, octadecanal, Z-11-octadecenal, E-13-octadecenal, Z-13-octadecenal, Z-5-decetyl-3-methyl-butanoate Disparlure: (+) cis-7,8-epoxy-2-methyloctadecane, Seudenol: 3-methyl-2-cyclohexen-1-ol, sulcatol: -methyl-5-hepten-2-ol, Ipsenol: 2-methyl-6-methylene-7-octen-4-ol, Ipsdienol: 2-methyl-6-methylene-2,7-octadien-4-ol, Grandlure I: cis-2-isopropenyl-1-methyl-cyclobutanethanol, Grandlure II: Z-3,3-dimethyl-1-cyclohexanethanol, Grandlure III: Z-3,3-dimethyl-1-cyclohexaneacetaldehyde, Grandlure IV: E-3,3-dimethyl-1-cyclohexaneacetaldehyde, cis-2-verbenol: cis-4,6,6-trimethylbicyclo>3,1,1!hept-3-en-2-ol cucurbitacin, 2-methyl-3-buten-2-ol, 4-methyl-3-heptanol, cucurbitacin, 2-methyl-3-buten-2-ol, 4-methyl-3-heptanol,  $\alpha$ -pinene: 2,6,6-trimethylbicyclo>3,1,1!hept-2-ene,  $\alpha$ -caryophyllene: 4,11,11-trimethyl-8-methylenebicyclo>7,2,0!undecane, Z-9-tricosene,  $\alpha$ -multistriatin 2(2-endo, 4-endo)-5-ethyl-2,4-dimethyl-6,8-dioxabicyclo>3,2,1!octane, methyleugenol: 1,2-dimethoxy-4-(2-propenyl)phenol, Lineatin: 3,3,7-trimethyl-2,9-dioxatricyclo>3,3,1,0!nonane, Chalcogran: 2-ethyl-1,6-dioxaspiro>4,4!nonane, Frontalin: 1,5-Dimethyl-6,8-dioxabicyclo>3,2,1!octane, endo-Brevicomin: endo-7-ethyl-5-methyl-6,8-dioxabicyclo>3,2,1!octane, exo-brevicomin: exo-7-ethyl-5-methyl-6,8-dioxabicyclo>3,2,1!octane, (Z)-5-(1-decenyldihydro-2-(3H)-furanone, Farnesol 3,7,11-trimethyl-2,6,10-dodecatrien-1-ol, Nerolidol 3,7,11-trimethyl-1,6,10-dodecatrien-3-ol, 3-

methyl, 6-(1-methyl ethenyl)-9-decen-1-ol acetate, (Z)-3-methyl-6-(1-methylethenyl)-3,9-decadien-1-ol acetate, (E)-3,9-methyl-6-(1-methylethenyl)-5,8-decadien-1-ol-acetate, 3-methylene-7-methyl-octen-1-ol propionate, (Z)-3,7-dimethyl-2,7-octadien-1-ol propionate, (Z)-3,9-dimethyl-6-(1-methylethenyl)-3,9-decadien-1-ol propionate.

40. (Previously Presented) A system according to claim 29, wherein the attractant is in the form of a reservoir layer on the substrate.

41. (Previously Presented) A system according to claim 40, wherein the attractant is mixed with a carrier material so as to form the reservoir layer.

42. (Previously Presented) A system according to claim 41, wherein the reservoir is a solid material at normal operating temperatures.

43. (Previously Presented) A system according to claim 41, wherein the carrier material is a hot melt or pressure sensitive adhesive polymer, or a mixture of two or more such polymers.

44. (Previously Presented) A system according to claim 43, wherein the carrier includes Ethylene vinyl acetates, Hot melt adhesive mixes, Poly vinyl acetate (PVA) Poly vinyl chlorides (PVCs) and crossed linked acrylates.

45. (Previously Presented) A system according to claim 43, wherein the carrier material is a glue based mixture.

46. (Previously Presented) A system according to claim 40, wherein the insect attractant is dispersed in the polymer mixture so as to form the attractant reservoir.

47. (Previously Presented) A system according to claim 40, wherein the reservoir further includes a colour dye marker to visually confirm the distribution of the insect attractant.

48. (Previously Presented) A system according to claim 40, wherein the attractant is present

in the reservoir in an amount 0.5 to 50% by weight of the reservoir.

49. (Currently Amended) A system according to claim 33 29, wherein the impermeable layer includes a vapour proof substrate.

50. (Currently Amended) A system according to claim 33 29, wherein the semi-permeable layer permits controlled release of the insect control agent from the system.

51. (Previously Presented) A system according to claim 29, wherein the insect control agent is an insecticide.

52. (Previously Presented) A system according to claim 29, wherein the substrate acts as a control agent to provide a mass trapping type system.

53. (Original) A system according to claim 52, wherein an adhesive is attached to a surface of the substrate, the adhesive being arranged to trap the insect should it land on the substrate.

54. (Previously Presented) A system according to claim 29, wherein the insect to be controlled is the codling moth *Laspeyresia pomonella* and the control agent is Lambda Cyhalothrin.

55. (Withdrawn) A method of controlling insects in a defined area which method includes providing one or more systems for controlling insects according to any of claims 29 to 54, and positioning the systems throughout the defined area.

56. (New) A system according to claim 29, wherein the insect control agent is an outermost layer of the target zone.

57. (New) A system according to claim 29, wherein the intervals between the target zones are coated with an adhesive material, or an abrasive material, or a material which promotes friction between the tape and a crop.